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U.S. PTO



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PATENT TRADEMARK OFFICE

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PATENT  
Docket No. 5000-4999

Express Mail Label No. EV062742025US

10/08/02  
U.S. PTO  
02/22/02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

UTILITY APPLICATION AND APPLICATION FEE TRANSMITTAL (1.53(b))

Applicant(s) : Kitaru IWATA, Hiroshi FUKASAKU, Hirohito HAYASHI, Izuru SHIMIZU, and Naoya YOKOMACHI

Serial No : TBA

Filed : February 22, 2002

For : ELECTROMAGNETIC ACTUATOR AND METHOD FOR MANUFACTURING ELECTROMAGNETIC ACTUATOR, AND CONTROL VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING ELECTROMAGNETIC ACTUATOR

Box Patent Application  
COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of:

Named Inventor(s) and  
Address(es): Kitaru IWATA, Hiroshi FUKASAKU, Hirohito HAYASHI, Izuru SHIMIZU, and Naoya YOKOMACHI

all c/o: KABUSHIKI KAISHA TOYOTA JIDOSHIKKI

2-1, Toyoda-cho, Kariya-shi, Aichi-ken, Japan

For: ELECTROMAGNETIC ACTUATOR AND METHOD FOR  
MANUFACTURING ELECTROMAGNETIC ACTUATOR, AND CONTROL  
VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING  
ELECTROMAGNETIC ACTUATOR

Enclosed are:

[X] 22 page(s) of specification, 1 page(s) of Abstract, 6 page(s) of claims

[X] 5 sheets of drawing [X] formal [ ] informal

[X] 5 page(s) of Declaration and Power of Attorney

- [ ] Unsigned  
[X] Newly Executed  
[ ] Copy from prior application

[ ] Deletion of inventors including Signed Statement under 37 C.F.R. § 1.63(d)(2)

[ ] Incorporation by Reference: The entire disclosure of the prior application, from which a copy of the combined declaration and power of attorney is supplied herein, is considered as being part of the disclosure of the accompanying application and is incorporated herein by reference.

[ ] Microfiche Computer Program (Appendix)

[ ] \_\_\_\_\_ page(s) of Sequence Listing

[ ] computer readable disk containing Sequence Listing

[ ] Statement under 37 C.F.R. § 1.821(f) that computer and paper copies of the Sequence Listing are the same

[X] Claim for Priority (Claim to Convention Priority)

[X] Certified copy of the Priority Document

[ ] English translation documents

[X] Information Disclosure Statement

[X] Copies of the cited references, including Form PTO-1449

[ ] Copy of PTO-1449 filed in parent application serial No.\_\_\_\_\_.

[ ] Preliminary Amendment

[X] Return receipt postcard (MPEP 503)

[X] Assignment Papers (assignment cover sheet and assignment documents)

[X] A check in the amount of \$ 40.00 for recording the Assignment.

[ ] Assignment papers filed in parent application Serial No.\_\_\_\_\_.

[ ] Certification of chain of title pursuant to 37 C.F.R. § 3.73(b).

[ ] This is a [ ] continuation [ ] divisional [ ] continuation-in-part (C-I-P) of prior application serial no. \_\_\_\_\_.

[ ] Cancel in this application original claims \_\_\_\_\_ of the parent application before calculating the filing fee. (At least one original independent claim must be retained for filing purposes.)

[ ] A preliminary Amendment is enclosed. (Claims added by this Amendment have been properly numbered consecutively beginning with the number following the highest numbered original claim in the prior application.)

[ ] The status of the parent application is as follows:

[ ] A Petition For Extension of Time and a Fee therefor has been or is being filed in the parent application to extend the term for action in the parent application until \_\_\_\_\_.

[ ] A copy of the Petition for Extension of Time in the co-pending parent application is attached.

- [ ] No Petition For Extension of Time and Fee therefor are necessary in the co-pending parent application.
- [ ] Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending has been granted a filing date, so as to make this application co-pending.
- [ ] Transfer the drawing(s) from the patent application to this application.
- [ ] Amend the specification by inserting before the first line the sentence:  
This is a [ ] continuation [ ] divisional [ ] continuation-in-part of co-pending application Serial No. \_\_\_\_\_ filed \_\_\_\_\_.

## I. CALCULATION OF APPLICATION FEE (For Other Than A Small Entity)

	Number Filed	Number Extra	Rate	Basic Fee
				\$ 740.00
Total Claims	21	-20 =	1	x \$ 18.00 \$ 18.00
Independent Claims	5	- 3 =	2	x \$ 84.00 \$ 168.00
Multiple Dependent Claims			Additional Fee = Add'l Fee =	\$ 280.00 \$ 0.00 NONE
	[ ] yes [X] no			

Total: \$ 926.00

- [ ] A statement claiming small entity status is attached or has been filed in the above-identified parent application and its benefit under 37 C.F.R. § 1.28(a) is hereby claimed. Reduced fees under 37 C.F.R. § 1.9(F) (50% of total) paid herewith \$ \_\_\_\_\_.
- [X] A check in the amount of \$ 926.00 in payment of the application filing fees is attached.
- [X] A check in the amount of \$ 40.00 in payment of the assignment recording fee is attached.
- [ ] Charge Fee(s) to Deposit Account No. 13-4500. Order No. \_\_\_\_\_. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.
- [X] The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for filing this application, or credit any overpayment to Deposit Account No. 13-4500, Order No. 5000-4999. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

Respectfully submitted,

  
 Kurt E. Richter  
 Registration No. 24,052
Dated: February 22, 2002

## CORRESPONDENCE ADDRESS:

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jc979 U.S. PTO  
10/081541  
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BOX: PATENT APPLICATION  
Commissioner for Patents  
Washington, D.C. 20231

**EXPRESS MAIL CERTIFICATE**

Express Mail Label No. EV062742025US

Date of Deposit February 22, 2002

I hereby certify that the following attached paper(s) and/or fee  
New U.S. Patent Application for:  
**ELECTROMAGNETIC ACTUATOR AND METHOD FOR MANUFACTURING ELECTROMAGNETIC  
ACTUATOR, AND CONTROL VALVE FOR VARIABLE DISPLACEMENT COMPRESSOR USING  
ELECTROMAGNETIC ACTUATOR**

- a. 22 pages of specification
  - b. 1 page of Abstract
  - c. 6 pages of claims
  - d. 5 sheets of formal drawings (labeled)
  - e. Application Fee Transmittal (in duplicate)
  - f. Executed Declaration and Power of Attorney
1. Check for \$ 926.00 for filing fee
  2. Check for \$ 40.00 for recording of Assignment
  3. Executed Assignment together with Assignment Cover Sheet
  4. Claim to Convention Priority
  5. Certified Priority Document Application No: 2001-054456
  6. Information Disclosure Statement
  7. Form PTO-1449 with copies of the cited references
  8. Return receipt postcard

is/are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. §1.10 on the date indicated above and is addressed to the Commissioner for Patents, Box: Patent Application - FEE, Washington, D.C. 20231.

JESUS RAUL REMEDIOS

Typed or printed name of person  
mailing paper(s) and/or fee)

(Signature of person mailing paper(s) and/or fee)

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